

Recombinant Human RAB1A, His-tagged

Cat. No. RAB1A-3470H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RAB1A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
ProteinLength	1-205 aa
Description	RAB1A, also known as ras-related protein Rab-1A, is a member of ras-related superfamily. Rab proteins play an important role for, either in endocytosis or in biosynthetic protein transport. Rab1a protein controls vesicle traffic from the endoplasmic reticulum to the Golgi apparatus.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT
Molecular Weight	24.8 kDa (225aa), confirmed by MALDI-TOF
Purity	> 95% by SDS - PAGE
Concentration	0.5 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MSSMNPEYDY LFKLLIGDS GVGKSCLLLR FADDTYTESY ISTIGVDFKI RTIELDGKTI KLQIWDTAGQ ERFRTITSSY YRGAHGIIVV YDVTDAQESFN NVKQWLQEID RYASENVNKL LVGNKCDLTT

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KKVVDYTTAK EFADSLGIPF LETSAKNATN VEQSFMTMAA EIKKRMGPGA
TAGGAEKSNV KIQSTPVKQS GGGCC

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

[RAB1A](#) [RAB1A](#), member RAS oncogene family [[Homo sapiens](#)]

Synonyms

RAB1A, member RAS oncogene family; RAB1; YPT1; DKFZp564B163; ras-related protein Rab-1A; OTTHUMP00000202272; YPT1-related protein; Rab GTPase YPT1 homolog; GTP binding protein Rab1a; OTTHUMP00000202273; Rab GTPase YPT1 homolog (yeast)

Gene ID

[5861](#)

mRNA Refseq

[NM_004161](#)

Protein Refseq

[NP_004152](#)

MIM

[179508](#)

UniProt ID

[P62820](#)

**Chromosome
Location**

2p14

Function

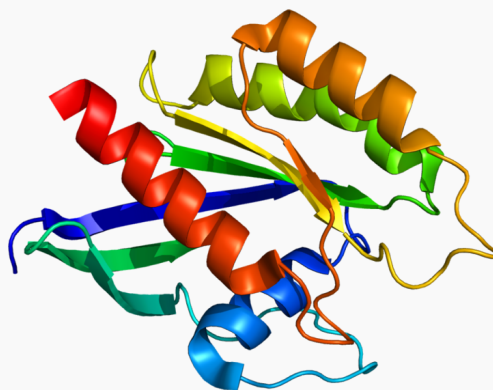
GTP binding; GTPase activity; nucleotide binding

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PDBrendering based
on 2fol.



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA